

## PATENT ABSTRACTS OF JAPAN

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MATSUURA MASAHIDE(54) NEW ANTHRACENE COMPOUND AND ORGANIC ELECTROLUMINESCENT ELEMENT UTILIZING  
THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an organic electroluminescent element having high luminous brightness and luminous efficiency in an extremely low voltage and excellent in heat resistance and long life, and a new anthracene compound realizing the element.

SOLUTION: The new anthracene compound has a diphenylanthracene structure in the center and has a specific structure substituted with an arylamine group at the end. In the organic electroluminescent element forming a luminous layer or a plurality of organic compound thin films containing the luminous layer between a pair of electrodes, at least one layer of the organic compound thin film comprises the new anthracene compound.

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